

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Abraham, Fuchs Case: GLBL 015P1D1
Serial No.: Not Yet Assigned Filed: Herewith
Examiner: Not yet assigned Group Art Unit: Not Yet Assigned
Title: APPARATUS FOR COMPUTING SIGNAL CORRELATION
 AT MULTIPLE RESOLUTIONS

COMMISSIONER FOR PATENTS
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

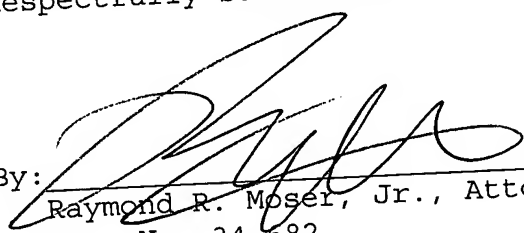
S I R:

Disclosure Statement Under 37 C.F.R. 1.56 and 1.98

Under Rule 37 C.F.R. 1.98(d), copies of the documents listed on Forms PTO-892 and PTO-1449 have been cited or submitted in Information Disclosure Statement for United States Patent Application Serial No. 09/900,499, from which the above-referenced application relies for priority under 35 U.S.C. 120. Under Rule 37 C.F.R. 1.98(a), the Applicants submit that no specific comments are necessary for any of the cited foreign language publications having an enclosed English language translation or abstract.

Respectfully submitted,

9-14-03
Date

By: 
Raymond R. Moser, Jr., Attorney
Reg. No. 34,682
(732) 530-9404

Moser, Patterson & Sheridan, LLP
595 Shrewsbury Avenue
Suite 100
Shrewsbury, NJ 07702

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EL983226021US
Date of deposit: 9/19/03

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Carol Wilson
Signature of person mailing paper or fee

Carol W. Wilson
Name of person mailing paper or fee

Notice of References Cited	Application/Control No. 09/900,499	Applicant(s)/Patent Under Reexamination ABRAHAM ET AL.	
	Examiner Kevin Y Kim	Art Unit 2634	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,579,338	11-1996	Kojima, Toshiharu	375/149
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. GLBL/015P1	Serial No. 09/900,499
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant C. Abraham, et al.	Confirmation No.: 4201
(Use several sheets if necessary)		Filing Date July 6, 2001	Group 2634
Examiner Kevin Kim			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	5,901,171	05/04/1999	Kohli, et al.	375	200	
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						
	A13						

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	
	C3	

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.	

Electronic Information Disclosure Statement

METHOD AND APPARATUS FOR PERFORMING SIGNAL CORRELATION AT MULTIPLE RESOLUTIONS

Application: *09/900499*

09/900499

Confirmation: 4201

Applicant(s): Charles Abraham

Docket
Number: GLBL-015 P1

Group Art
Unit: 3662

Examiner:

(4426712 or 4445118 or 4578678 or 4660164 or 5117232 or 5148452 or 5153598 or 5175557 or 5185610 or 5199050 or 5237587 or 5293398 or 5369668 or 5379224 or 5579014 or 5579338 or 5600328 or 5629708 or 5726659 or 5809064 or 5812087 or 5859612 or 5872774 or 5884214 or 5999562 or 5907578 or 5920278 or 6002708 or 6034635 or 6047017 or 6104340 or 6111868 or 6121923 or 6133874 or 6151311 or 6157891 or 6181911 or 6208291 or 6208292 or 6211820 or 6236354 or 6239742 or 6252543 or 6256337 or 6272189 or 6307840 or 6324227 or 6327473 or 20020033767).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	4426712	1984-01-17	*4426712*	Gorski-Popiel	375	96
	P02	4445118	1984-04-24	*4445118*	Taylor, et al.	343	357
	P03	4578678	1986-03-25	*4578678*	Hurd	343	357
	P04	4660164	1987-04-21	*4660164*	Leibowitz	364	728

P05	5117232	1992-05-26	*5117232*	Cantwell	342	357
P06	5148452	1992-09-15	*5148452*	Kennedy et al.	375	96
P07	5153598	1992-10-06	*5153598*	Alves, Jr.	342	352
P08	5175557	1992-12-29	*5175557*	King et al.	342	357.12
P09	5185610	1993-02-09	*5185610*	Ward, et al.	342	357
P10	5199050	1993-03-30	*5199050*	Linsky	375	115
P11	5237587	1993-08-17	*5237587*	Schoolcraft	375	1
P12	5293398	1994-03-08	*5293398*	Hamao, et al.	375	1
P13	5369668	1994-11-29	*5369668*	Yamamoto	375	14
P14	5379224	1995-01-03	*5379224*	Brown et al.	364	449
P15	5579014	1996-11-26	*5579014*	Brooksby et al.	342	357
P16	5579338	1996-11-26	*5579338*	Kojima	375	208
P17	5600328	1997-02-04	*5600328*	Tachita et al.	342	357
P18	5629708	1997-05-13	*5629708*	Rodal et al.	342	357
P19	5726659	1998-03-10	*5726659*	Kee, et al.	342	352
P20	5809064	1998-09-15	*5809064*	Fenton, et al.	375	208
P21	5812087	1998-09-22	*5812087*	Krasner	342	357
P22	5859612	1999-01-12	*5859612*	Gilhousen	342	457
P23	5872774	1999-02-16	*5872774*	Wheatley, III et al.	370	335
P24	5884214	1999-03-16	*5884214*	Krasner	701	207
P25	5999562	1999-04-20	*5999562*	Hennedy et al.	375	207
P26	5907578	1999-05-25	*5907578*	Pon et al.	375	208
P27	5920278	1999-07-06	*5920278*	Tyler et al.	342	33
P28	6002708	1999-12-14	*6002708*	Fleming et al.	375	200
P29	6034635	2000-03-07	*6034635*	Gilhousen	342	457
P30	6047017	2000-04-04	*6047017*	Cahn et al.	375	200
P31	6104340	2000-08-15	*6104340*	Krasner	342	357.1
P32	6111868	2000-08-29	*6111868*	Lee et al.	370	342
P33	6121923	2000-09-19	*6121923*	King	342	357.12

P34	6133874	2000-10-17	*6133874*	Krasner	342	357.15
P35	6151311	2000-11-21	*6151311*	Wheatley, III et al.	370	335
P36	6157891	2000-12-05	*6157891*	Lin	701	301
P37	6181911	2001-01-30	*6181911*	Sih, et al.	455	12.1
P38	6208291	2001-03-27	*6208291*	Krasner	342	357.12
P39	6208292	2001-03-27	*6208292*	Sih et al.	342	357.12
P40	6211820	2001-04-03	*6211820*	Zou et al.	342	357.1
P41	6236354	2001-05-22	*6236354*	Krasner	342	357.06
P42	6239742	2001-05-29	*6239742*	Krasner	342	357.02
P43	6252543	2001-06-26	*6252543*	Camp	342	357.06
P44	6256337	2001-07-03	*6256337*	Hendrickson et al.	375	140
P45	6272189	2001-08-07	*6272189*	Garin et al.	375	343
P46	6307840	2001-10-23	*6307840*	Wheatley, III et al.	370	252
P47	6324227	2001-11-27	*6324227*	Kang et al.	375	343
P48	6327473	2001-12-04	*6327473*	Soliman et al.	455	456

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	U01	20020033767	2002-03-21	*20020033767*	Krasner	342	357.06

Signature

U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified)		GLBL-015 P1	09/900,499
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Abraham, et al.	Confirmation No.: 4201
(Use several sheets if necessary)		Filing Date	Group
Examiner		July 6, 2001	3662

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	4,527,278	07/02/85	Deconche et al.	375	97	
	A2	5,090,028	02/18/92	Crebouw	375	106	
	A3	5,426,665	06/20/95	Cleverly et al.	375	200	
	A4	5,727,018	03/10/98	Wolf, et al.	375	210	
	A5	6,289,041	09/11/01	Krasner	375	152	
	A6	6,370,208	04/09/02	Kuo, et al.	375	343	

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1	4,114,058	11/05/1992	DE	H04L	27/00	<input type="checkbox"/>	<input type="checkbox"/>
	B2	0 488 739	06/03/1992	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B3	0 526 040	02/03/93	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B4	0 635 728	01/25/1995	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B5	0 718 998	06/26/1996	EPO	H04J	13/02	<input type="checkbox"/>	<input type="checkbox"/>
	B6	2,016,760	09/26/1979	GB	G06F	15/34		
	B7	97/14057	04/17/1997	WIPO	G01S	1/4	<input type="checkbox"/>	<input type="checkbox"/>
	B8	97/40398	10/30/1997	WIPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
	B9	98/02830	01/23/98	WIPO	G06F	17/15	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	Wolfert, et al., "Rapid Direct P(Y)-Code Acquisition in a Hostile Environment," CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11th PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1 P: 353-360 Alexandria, VA, Institute of Navigation, 1998
	C2	Lyusin, et al., "Fast Acquisition by Matched Filter Technique for GPS/GLONASS Receivers", CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11 th PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1P: 307-316 Alexandria, VA, Institute of Navigation, 1998

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

[illegible]